

AMENDED

ASSIGNED

N: 35793

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office. AUG 21 1978

Returned to applicant for correction. AUG 5 1978

Corrected application filed. OCT 16 1978

Map filed. AUG 21 1978

The applicant. Southland Royalty Company (817) 390-9200

1000 Fort Worth Club Tower, of Fort Worth, Texas 76102, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Incorporated in Delaware 11/26/24

1. The source of the proposed appropriation is. underground flow encountered while drilling a geothermal gradient hole now indicated as water well 12 on the attached survey

2. The amount of water applied for is. 1.0 second-feet

(a) If stored in reservoir give number of acre-feet. acre-feet

3. The water to be used for. (drilling proposed geothermal wells (see survey))

4. If use is for:

(a) Irrigation (state number of acres to be irrigated)

(b) Stockwater (state number and kinds of animals to be watered)

(c) Other use (describe fully under "No. 12. Remarks")

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: SW 1/4 NW 1/4 Section 14, T23N

R35E MDBM 1760' South 37°E from NW corner of Section 14 or South 29° 19' West 13,666.72' from GLD pipe cap South 1/2 Corner Section 36 T24N it should be stated. R35E MDBM

6. Place of use. NE 1/4 SW 1/4 Section 14, T. 23N., R. 35E., M. D. B. & M.

7. Use will begin about. Jan 1 1978 and end about. Dec 31 1979, of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Pipe will be laid on the surface from water well 12 to the proposed drill sites. The pipe will be removed from the surface when drilling is completed.

9. Estimated cost of works. Under \$20,000.00
10. Estimated time required to construct works. Less than one week
11. Estimated time required to complete the application to beneficial use. Immediate
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Southland proposes to use this water in the drilling of a geothermal well(s) to be located in one or both of the locations indicated on the attached survey. Southland has no other plans for use of the well (designated on the survey as water well 12) at this time. See attached drilling plan as submitted to the U.S.G.S. for the geothermal well.

Applicant s/ Jere Denton

By Jere Denton
1000 Fort Worth Club Tower
Fort Worth, Texas 76102

Compared jm/bl jm/bl

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins, or before the Proof of Completion of Work is filed. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit is issued for development of drilling water for geothermal exploration purposes only, and will expire upon completion of geothermal exploration operations by the permittee within this groundwater basin.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.0 cubic feet per second, but not to exceed 235.9 million gallons annually.

- Actual construction work shall begin on or before August 8, 1979
- Proof of commencement of work shall be filed before September 8, 1979
- Work must be prosecuted with reasonable diligence and be completed on or before August 8, 1980
- Proof of completion of work shall be filed before September 8, 1980
- Application of water to beneficial use shall be made on or before August 8, 1983
- Proof of the application of water to beneficial use shall be filed on or before September 8, 1983
- Map in support of proof of beneficial use shall be filed on or before

SEP 4 1979

Commencement of work filed

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

Recorded Bk. Page

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN

State Engineer of Nevada, have hereunto set my hand and the seal of

my office, this 8th day of FEBRUARY

A.D. 19 79

OCT 9 1980

William J. Newman

State Engineer

APPLICANT TO COMPLY

STATE ENGINEER